

## Product datasheet for **AP53387PU-N**

### **RPB11 (POLR2J) (C-term) Rabbit Polyclonal Antibody**

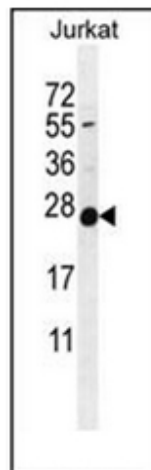
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 93-117 amino acids from the C-terminal region of Human POLR2J.
Specificity:	This antibody recognizes Human and Mouse POLR2J (C-Term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	polymerase (RNA) II subunit J
Database Link:	<a href="#">Entrez Gene 20022 Mouse</a> <a href="#">Entrez Gene 5439 Human</a> <a href="#">P52435</a>

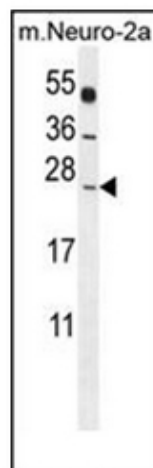


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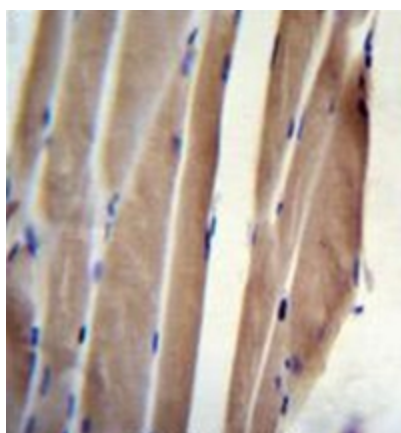
<b>Background:</b>	This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13.
<b>Synonyms:</b>	RNA polymerase II subunit B11-a, POLR2J1, RPB11a
<b>Note:</b>	<b>Molecular Weight:</b> 13293 Da
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

**Product images:**

Western blot analysis of POLR2J Antibody (C-Term) in Jurkat cell line lysates (35ug/lane). This demonstrates the POLR2J antibody detected the POLR2J protein (arrow).



Western blot analysis of POLR2J Antibody (C-Term) in Mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the POLR2J antibody detected the POLR2J protein (arrow).



Formalin fixed, paraffin embedded human skeletal muscle stained with POLR2J Antibody (C-Term) followed by peroxidase conjugation of the secondary antibody and DAB staining